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2 **III. Remarks**

3 The Examiner's Action of December 30, 2005 imposes a Restriction. Your  
4 applicant has elected the apparatus claims 10-21 and has amended the claims.  
5

6 1. Claim 10 has been amended, in subpart a., as follows:

7 a. a reaction chamber receiving biomass, including organic matter, ...tar-free fuel  
8 gas (44) produced as pyrolysis volatiles..."

9 The Examiner is referred to the comments in section II. Election which references  
10 the Specification re: this topic.  
11

12 2. Claim 13 has been amended at subpart b. as follows:

13 "b. [V] valve means ..."  
14

15 3. Claim 14 has been amended as follows:

16 a. the fuel conditioner output (130) is in the range of 5% to 20% diesel with the  
17 balance comprised of fuel gas (44) ;

18 b. conditioner means (100) having a fuel conditioner means input (110) from the  
19 demister means (80) conveying fuel gas (44); the fuel conditioner means input  
20 (110) directing fuel gas (44) through bubble forming means (115) into and  
21 through a fuel conditioner means (100) containing fuel means (120);

22 c. bubble forming means (115) is provided by directing the fuel conditioner input  
23 means (110) via pipe or tube means (110) to and through a grid (116) formed of  
24 fine wire mesh or a plate with at least one aperture (117).  
25  
26

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Serial No. 10/669,666

Floyd E. Ivey, USPTO 35552,

Application No. 10/669,666

1 The Examiner is referred, for antecedent basis, to the Specification page 12/line  
2 20 to page 14/line 13.

3  
4 4. Claim 15 has been amended as follows:

5 b. fuel means (120) comprised of diesel, peanut oil, vegetable oils and other  
6 combustible substances.

7  
8 For antecedent basis the Examiner is referred to the Specification page 13/lines  
9 21-22.

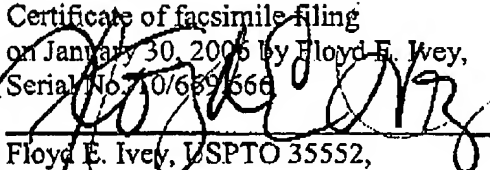
10  
11 5. Claim 19 has been amended as follows at subpart a. and subpart d.:

12 a. (13) proximal a reaction chamber wall (32) and proximal [the] a reaction  
13 chamber top (31);

14 d. the funnel means (200)...approximately 45 degrees[:] \_\_\_\_\_

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**SUMMARY OF THE AMENDMENT AND RESPONSE**

Your applicant has responded to the Examiner's restriction and has elected II. Claims 10-21 with traverse. Your applicant respectfully requests the Examiner to withdraw the restriction and to present all claims for examination on the merits.

Your applicant has amended claims and has indicated the antecedent basis for amendments. The Examiner is respectfully requested to allow the claims as amended. Your applicant has made a good faith attempt to fully respond the Examiner's Action and asks the Examiner to withdraw the restriction and to allow the claims as amended.

Respectfully submitted,

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**CERTIFICATE OF TRANSMISSION:**

The undersigned hereby certifies that this correspondence is being facsimile transmitted to the USPTO. #571-173/8300, ARG UNIT 1764 on January 30, 2006.

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